

***Eriogonum viscidulum*** J. T. Howell**STICKY BUCKWHEAT**

**FAMILY:** *Polygonaceae*, the buckwheat family.

**STATUS:** **Heritage Program SENSITIVE LIST, ranks: G2 S2**

**USFWS/ESA:** species of concern. **STATE OF NEVADA:** FULLY PROTECTED. **BLM:** Special Status Species in Nevada. **USFS:** none. **NNNPS:** THREATENED.

**POPULATION CENSUS (NEVADA):** **29 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 37 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 25,000+**, total estimated **area unknown**.  
**TREND:** unknown.

**IMPACTS AND MAJOR THREATS (NEVADA):** No summary available (see references).

**INVENTORY EFFORT (NEVADA):** Systematic surveys have been extensive in Nevada, but likely remain incomplete. Most recent entered survey 1998, average year of last survey 1989. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 8.1%; **6-10 yrs:** 54.1%; **11-20 yrs:** 10.8%; **21-30 yrs:** 24.3%; **51+ yrs or unknown:** 2.7%.

**LAND MANAGEMENT (NEVADA)** in decreasing predominance: U. S. Bureau of Land Management, National Park Service, private lands, Nevada state lands (?).

**RANGE:** Clark and Lincoln counties, Nevada; also in AZ. Maximum Nevada **range dimension 75.5 km (46.9 mi)** excluding most disjunct record.

**ELEVATIONS RECORDED (NEVADA):** 1200-2200 feet (366-671 meters).

**HABITAT (NEVADA):** Deep loose sandy soils in washes, flats, roadsides, steep aeolian slopes, and stabilized dune areas, with *Ambrosia dumosa*, *Larrea tridentata*, *Pleuraphis rigida*, *Krameria parvifolia*, *Achnatherum hymenoides*, *Tamarix ramosissima*, *Tessaria sericea*, *Astragalus geyeri* var. *triquetrus*, *A. sabulorum*, *Eriogonum trichopes*, *Ephedra torreyana*, *Dicoria canescens*, *Pediomelum*, *Croton californicus*, *Sporobolus cryptandrus*, *Psoralea fremontii*, *Abronia*, *Tiquilia*, etc. Can withstand moderate temporary disturbance. Dependent on sand dunes or deep sand in Nevada.

**PHENOLOGY:** flowering spring. Range of most frequent **survey months:** April-June.

**LIFE-FORM AND HABIT:** annual.

**DESCRIPTION:** An annual herb, up to 4 dm tall, with diffusely branched stems rising from a basal rosette of leaves. Small yellow flowers bloom in April and May. The stems and branches are slightly sticky and are often covered with adhering sand particles. **Distinguishing features:** Related to *Eriogonum subreniforme*, may be distinguished from all related annual species by the viscid glandularity of the stems and branches.

**PHOTOGRAPHS:** Niles et al. (1995); Nevada Natural Heritage Program images web page (1998-present).

**ILLUSTRATIONS:** Mozingo and Williams (1980), Niles et al. (1995).

**OTHER GENERAL REFERENCES** (listed separately): Holland et al. (1980), Niles et al. (1997), Niles et al. (1998), Reveal (1985).

**SPECIFIC REFERENCES:**

Howell, J. T. 1942. New western plants. Leaflets of Western Botany 3: 138-142.

Leary, P. J. 1987. Survey of endangered plants, Joshua Tree National Monument. Las Vegas: University of Nevada report CPSU/UNLV 037/01. 26pp.

Niles, W. E., P. J. Leary, J. S. Holland, F. H. Landau. 1995. Occurrence and distribution of *Astragalus geyeri* var. *triquetrus* (three-cornered milkvetch) and *Eriogonum viscidulum* (sticky buckwheat) in Lake Mead National Recreation Area and adjacent regions of Nevada and Arizona. Las Vegas: University of Nevada, prepared for the Lake Mead National Recreation Area.

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